

# ANNUAL REPORT

ON THE

# HEALTH

OF THE

# BOROUGH OF CHESTERFIELD,

FOR 1905.

BY

MERBERT PECK,

M.D. Edin., D.P.M. Cambridge.

MEDICAL OFFICER OF MEALTH.

### CHESTERFIELD:

DERBYSHIRE COURIER Co., LTD., BURLINGTON STREET. 1906.

# Digitized by the Internet Archive in 2017 with funding from Wellcome Library

# BOROUGH OF CHESTERFIELD.

# HEALTH COMMITTEE, 1905.

Chairman:

ALDERMAN CLAYTON, J.P.

Vice-Chairman:

ALDERMAN BOOTH, M.D., J.P.

Members .

THE MAYOR (Councillor Eastwood),

ALDERMAN WOODHEAD, J.P.,

WRIGLEY,

COUNCILLOR HADFIELD, C.C.,

LACK,

LANCASTER,

, ROBINSON.

Medical Officer of Health:

HERBERT PECK, M.D., C.M. (Edin).,
D.P.H. (Camb).

Sanitary Inspector:

CHARLES E. WOOD, CERTIFIED SANITARY INSPECTOR.

# HEALTH DEPARTMENT,

## SALTERGATE,

March, 1906.

GENTLEMEN,

I have pleasure in laying before you my sixth Annual Report upon the Health of Chester-field.

I take this opportunity of acknowledging with thanks the assistance cheerfully given me at all times by Members of the Committee and Mr. Wood.

I am, Gentlemen,

Your obedient servant,

HERBERT PECK.

# SUMMARY

OF

# ANNUAL HEALTH REPORT

For 1905.

# 62 BOROUGH OF CHESTERFIELD. KO

Area.—1216 acres uncovered with water; 3 covered with water.

ALTITUDE (average).—About 300 feet above ordnance datum.

Population, Census of 1901.—27,185.

ESTIMATED POPULATION, June, 1905.—28,890.

Inhabited Houses, Census of 1891.—5,282.

RATEABLE VALUE.—£100,686.

Assessable Value.—£94,767.

GENERAL DISTRICT RATE.—4s. 0d. in the £ for Old Borough; 4s. 0d. for Brampton and Walton; 3s. 6d. for Newbold; 3s. 0d. for Hasland.

Poor Rate, including School Board, 4s. 5d.

## VITAL STATISTICS, 1905.

BIRTH RATE, per 1,000 living,—30·1.

Gross Death Rate, per 1,000 living,—16.6.

Corrected Death Rate, per 1,000 living,—13.3.

ZYMOTIC DEATH RATE.—1.76.

Infantile Mortality, per 1,000 births, -119.

Isolation Hospitals—Newbold Hospital reserved for Smallpox, and Penmore Isolation Hospital.

Water Supply.—From Linacre Reservoirs.

SCAVENGING AND REFUSE DISPOSAL.—By servants of the Corporation.

Nuisances Abated during 1905.—697.

### TABLE I.

Vital Statistics of the Borough of Chesterfield during 1905 and previous Years.

to contrast to the	1 5 11 1		Annual Inches			TEO.III	P 2 . 37	147		a Ni nu		V - 00	4.5	No. and the		CONTRACTOR OF THE PARTY NAMED IN	
DEATH AT HE BELONG-	RICT.		Rate*	13		19.1	20.4					17.2				18.6	13 3
NETT DEA	DISTRICT		Number	12	421	467	511	539	457	571	564	478	445	466		492	384
yong	a pe	i b	Deard Gegistere Situtitent Teht	111		4	* Company		0 0	* * *	1	-	1	0 0 0	12.0	ACCESSIONAL STATE OF THE STATE	H MANAGE
ni be	or 94a oidud	sig. lite	o zátrst strst an sildna Lstr	10	81	42	76	22	64	50	75	80	92	102		74	101
ai s	non	ana	Botal Destrictions of the second seco	6	110	85	119	112	136	108	134	139	145	162		125	137
вявр	Ages		Rate*	<b>o</b> o	20.9	20 6	23.4	24.1	20.0	23 3	23.3	20 0	18.9	196		21.4	16.6
Total Deaths Registered In the District	At all		Number	7	502	505	587	919	521	621	889	557	536	568		565	481
DEATHS IN THE I	1 Year	1ge	Rate per 1000 Hirths Regis-	g g	166	167	220	228	169	212	217	191	167	171		189	119
TOTAL		7 IO	Namber	ŭ	141	140	180	201	149	191	198	144	170	155		167	104
THS			Rate*	4	35.4	34.3	32.7	34.5	33.8	33.7	33.1	32.3	33.7	9.18		93.ú	30.1
BIRTHS			Number	ಣ	848	839	818	880	881	868	905	968	956	606		883	872
	e lo			o d	93 950	24,461	24,983	25,516	26,060	26,617	27,329	27,765	28,381	28,590		26,365	28,890
		Veran	LEAR	F	180%	1896	1897	1898	1899	1900	1901	1902	1908	1904		Averages for years 1895-1904	1905

\*Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

dying in public institutions there, and have died in public institutions elsewhere.

The "Public institutions" taken into account for the purposes of these Tables are those into which persons. The "Public institutions" taken into account for the purposes of these and lugations. A list of By the term "Non-Residents" is meant persons brought into the district on account of sickness or infitmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district Note.—The deaths included in Column 7 of this Table are the whole of those registered during the year having actually occurred within the district or division. The deaths included in Column 12 are the number Column 7 corrected by the subtraction of the number in Column 11. are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lugations as the Institutions in respect of the deaths in which corrections have been made is given on the back of this Table.

Area of District in Acres (exclusive of area covered by water) 1,216. Number of inhabited houses at Census Total population at all ages, 27,185. Average Number of persons per house, 5:146. of 1901, 5,282.

I. Institutions within the District receiving sick and infirm persons from outside the District.	sick and infirm	III.  Other Institutions, the deaths in which have been distributed among the several localities in the District.
Chesterfield and North Derbyshire Hospital.  Chesterfield Union Workhouse.	Penmore Isolation Hospital, Hasland.  Newbold Smallpox Hospital.	

# TABLE II.

Vital Statistics of separate Localities in 1905 and previous years in the Borough of Chesterfield.

Are recognised in the Party of the			-
9	Deaths under I year.		37
WARD.	Deaths at all Ages,	138  202 188 161 157 167	148
WEST	Births registered.	339 416 364 373	346
4 1	Population esti- mated to middle of each year.	8302 8690 8929 9210 9309	9450
O	Deaths under I year.		39
SOUTH WARD.	Deaths at all Ages.	146  213 196 162 158 152	127
SOUTE	Births registered.	295 314 299	280
3.– 8	Population esti- mated to middle of each year.	8764 8764 8763 8923 8958 8958	0006
Ċ.	Deaths under I Year.	$\cdots \cdots $	28
I WARD	Deaths at all Ages.	136  155 180 155 130 147	109
-NORTH	Births registered	268 245 231 248	246
212	Population estimated to middle of each year.	9551 9875 10,073 10,323	IO,440
.Perandaning American	Deaths under 1 Year.	141 140 180 201 149 191 170 155	104
ЭПСН	Deaths at all Ages.	445 492 492 492 493 493 4945 493	384
- вокоисн	Births registered.	848 839 818 881 880 890 900 950 950	872
Ţ	Population estimated to middle of each year.	23,950 24,461 24,983 25,516 26,060 26,617 27,329 27,765 28,381 28,590	28,890
NAMES OF LOCALITIES.	YEAR.	1895 1896 1897 1898 1899 1900 1901 1903 1903 1904 1904	1905.

# TABLE III.

Cases of Infectious Disease notified during the Year 1905 in the Borough of Chesterfield.

	190	o in the bo	prough of Chesterfield.
AL Y	9	Totals	53
CASES HOSPITAL LOCALITY	್ಷ	noinU Workhouse	
OAH	4	IstiqeoH	1
O. OF (ED TO EACH	ಣ	West Ward	01 . 1
No. ( REMOVED FROM EA	67	South Ward	32
RE	H	North Ward	61
Н	ಬ	Union Workhouse	· · · · · · · · · · · · · · · · · · ·
CASES IN EAC LITY	4	lstiqeoH	1 : 2 : 2 : 1 : 2 : 2 : 2 : 1 : 2 : 2 :
11	က	West Ward	10
TOTAL OTIFIED LOCA	2	South Ward	3. 25. 7. 3. 3. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
Z	-	North Ward	81 : 4 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :
E		65 and upwards	
WHOLE	Years	35 to 65	89 : H : 80 : W :
z		15 to 25	p : 4 : 63     : 5 : 64       c : 4 : 63     : 5 : 64
	Ages	81 of 8	15 : 4 : 6 : 6 : 6 : 6 : 6 : 6 : 6 : 6 : 6
No.	At A	7 to 5	8
CASES NOTI		L rabarJ	m : H : : C1 : : : : : : : : : : : : : : : :
	S	egA Ils 1A	53 18 18 116 15 237
	NOTIFIABLE	DISEASE	Small-Pox Cholera Diphtheria Membranous croup Erysipelas Scarlet fever Typhus fever Relapsing fever Continued fever Plague Totals

Notes —The localities adopted for this table should be the same as those in tables II. and IV.

\*Brought to the Chesterfield and North Derbyshire Hospital for operation of tracheotomy.

Isolation Hospitals—Penmore Hospital, Hasland; Small-pox Hospital, Newbold Hospital.

# TABLE IV.

# Causes of, and Ages at, Death during Year 1905, in the Borough of Chesterfield.

	"Re	eside	ats"	whet	her (	d Age	ring	ident	s" bel whet	all ag longln her o	g to I ceurri	ocal- ing in net.	Deaths in Institutions e District.
Causes of Death.	All ages.	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	North Ward	South Ward	West	Hospital	Union Workhouse	Potal Deaths in Public Institution in the District.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
G. H.													
Small-pox Measles		• • •	***	•••	• • • •	•••	•••	•••	•••		•••	•••	• • •
Quartet Form	7 8		6 5	$\frac{1}{2}$	•••	•••	• • •	2	3	$\begin{bmatrix} 2 \\ 5 \end{bmatrix}$	• • •	•••	•••
Whooping-cough	6	1 4	9 1	1	•••	•••	• • •	• • •	5 1	5			• • •
Diphtheria and mem-	U	#	.1	1	•••	•••			1	0			
branous croup	3	1	2					1	1	1	• • •		
Croup			• • •						• • •	• • •	• • •	• • •	
(Typhus				• • •	• • •	•••	• • •	• • •	. •	• • •		•••	• • •
Fever Enteric	4	•••	•••	2	2			1	• • •	3	• • •	•••	• • •
Other continued	l	•••	•••		•••		• • •	4 . 4	•••		• • •	•••	• • •
Epidemic Influenza Cholera	5	•••	• • •	•••	1	4	• • •	1	2	2	•••	•••	• • •
Dlamina	•••	•••	•••	•••	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •
Diarrhœa	23	18	4	• • •	• • •	1	• • •	5	10	8	• • •	1	1
Enteritis	3	1			1	1		$\frac{3}{2}$	10	1	• • •		-
Puerperal Fever							• • •				• • •	6.5.0	
Erysipelas	• • •		• • •	• • •		• • •	• • •	• • •			• • •		
Other Septic Diseases	4	•••	• • •	1	•••	3	• • •	2	2		4	3	7
Phthisis (Pulmonary													
Tuberculosis)	29	•••	• • •	•••	6	21	2	9	6	14	• • •	11	11
Other Tubercular Diseases	15	C	6	2	1			6	$_2$	7	2	2	4
Cancer, Malignant	19	6	O	2	1	•••	• • •	O	2	- 1	4	4	#
Diseases	13		1			6	6	6	3	4	3	6	9
Bronchitis	43	14	12		1	6	10	11	17	15		7	7
Paeumonia	36	6	11	1		11	7	6	17	13	3	2	5
Pleurisy	2	• • •	• • •	•••	• = •		2	1	1		• • •		
Other Diseases of													
Respiratory Organs	3	$2 \mid$	• • •	• • •	• • •	1	• • •	1	2	• • •	• • •	•••	
Alcoholism (Ciarbonia of Times)	4	• • •			• • •	4	• • •	1	3	•••	• • •	2	2
Cirriosis of Liver)										1		3	3
Premature Birth	16	16	• • •	• • •	• • •	• • •	• • •	4	6	6	• • •	Э	J
Diseases & Accidents of	10	10	• • •	• • •	• • •	•••	• • •	_	J	0	• • •	• • •	
Parturition	3	• • •	• • •	• • •	1	2			1	2	• • •		
Heart Diseases	27		• • •	3	2	16	6	6	13	8	3	8	11
Accidents	6	• • •	2	1	• • •	3	• • •	2	1	3	16		16
Suicides	•••	• • •	ر ه		• • •	•••			•••		ė • •		
Old Age	28	•••	•••	• • •	•••	2	26	10	5	13	• • •	33	33
Murder	1	1	•••	•••	• • •	1	• • •	• • •	1 1	• • •	• • •	•••	
Manslaughter Acute Rheumatism		_	• • •	• • •		* * * *	• • •	• • •	1	•••	• • •	•••	• • •
Uncertified	23	7	5	• • •		6	5	3	10	8	• • •	2	2
All other causes	71	27	4	1	3	$2\overline{1}$	15	29	16	28	7	19	26
All causes 8		104	59	15	18	109	79	109		148	38	99	137

# TABLE Y.

# Borough of Chesterfield. INFANTILE MORTALITY DURING THE YEAR 1905.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.

	Total Death	97	H	H '	4×1		Н	8	9 (	10	4	7	7	12	14	9	Н	104
	11-12 months.	н .	•	• ;	H :	An a sept b	•	•	•	•	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	•	6		•	•	
	.edinom 11-01	9 :	:	н	: 01		:	•	•	:	:	•	•	I	H	Н	•	9
	9-10 months.	4:	:	•	: 4		•	:	•	•	•				Н	Н	:	4
	.sdinom e-8	4 :	Н	:	: 8		•	:	•	:	•	:	•	•	Н	•	:	4
IS.	.sdinom 8-7	9:	I	:	. 4		I		•	•	H	I	•	•	Η	•	•	9
Months	-sdinom 7-3	. v.	•	•	•		:	•	•	Н	H	:	•	I	н	н	•	5
23	.sdinom d-2	4 H	•	•				•	H	•	•	6	•	н	33	•	•	5
	'sqquow 9-+	٠. ن	:	:	• •		:	:	•	H	•	H	Н	•		8	:	1 20
Ä	3-4 months.	7 :	•	•	н ю		:	:	•	61		•	•	н	2	•	н	12
	'sqquow E-z	7 00 0	:	:	н 2		:	:	:	н	•	•	H	33	H	Н	9	10
	.sdinom 2-1	7 H		•	H 6	- Dickery	•	7	•		•	•	•	· ·	n		•	15
əu	Total under O	20 m		•	• H	Ť, Ř., Š.	•	91	υ <u>.</u>	4	e e	•	•	ιΩ		•	•	31
	3-4 weeks.	<b>%</b> :	•	•	: H		:	:	:	•	:	•	:	2	:	:	:	3
eks.	s-3 meeks.	7 :	•	:	: :		•	Н	•	<b>H</b>	•	•	•	•	•	•	•	01
Weel	I-z weeks.	e :	•	:	: :			•	77	:	:	•	•	Н	•	:	•	3
	Under I week.	20	•	:	: :		:	15	3		:	•	•	64	:	:	•	23
	CAUSE OF DEATH.	All Causes (certified) (uncertified)	Scarlet Fever	Diphtheria: Croup	vyhooping Cough Diarrhæa, all forms	Gastritis, Gastro-intestinal	Catarrh	Premature Birth	Congenital Defects	Atrophy, Debility, Marasmus	Tuberculous Meningitis Tuberculous Peritonitis	Tabes Mesenterica	Other Tu	Convulsions	Bronchitis	Pneumonia	Other Causes	

DISTRICT OF CHESTERFIELD, CHESTERFIELD SUB-DIVISION—Population (estimated to middle of 1905) 28,890.

Births in the Legitimate, 821. year Illegitimate, 51.

Deaths from all Causes at all Ages, 384.

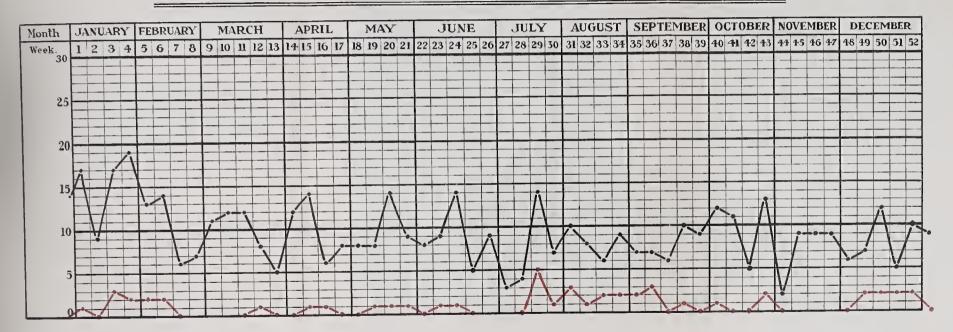
# TABLE VI.

Vital Statistics of the Borough of Chesterfield for 1905, compared with those for the previous ten years, and with those of England and Wales for the ten years ending 1903.

			6 · · · · · · · · · · · · · · · · · · ·		
The Determine	000 11.1		Chastarfald	Chesterfield Average of	England & Wales avrge
The Rates are per 1,	ooo Living.		Chesterfield	Ten Years.	of 10 Years,
	· <del>- · · · · · · · · · · · · · · · · · ·</del>		1905.	1895 to 904.	
Estimated Population		» • •	28,890	26,365 $33.5$	40,585,947 $29.1$
Birth Rate	• • •	•••	30.1		
Death Rate		• • •	13.3	18.6	17.22
Zymotic Death Rate		• • •	1.76	2.88	2.01
Infant Mortality (per	1.000 birt	hs)	119	189	149.5
Smallpox	• • •		nil	.004	.004
Measles	0 • •	• • •	•24	.48	.38
Scarlet Fever	• • •	• • •	.27	.17	•14
Whooping Cough			·21	.27	•34
Diphtheria & Membra	anous Cro	up	·10	·18	26
Croup		* 4 *	nil	.03	.03
Enteric and Continue		• • •	·14	.26	.16
Epidemic Influenza	4 • •		·17	.19	.28
Diarrhœa	• • •	• • •	.80	1.50	.72
Enteritis	• • •	• • •	·10	.47	.37
Puerperal Fever	• • •	• • •	nil	.05	.06
Erysipelas	• • •		nil	.02	.04
Other Septic Diseases		• • •	·14	.06	.04
Phthisis, Pulmonalis		•••	1.00	1.14	1.31
Other Tubercular Disc			.52	.66	.58
Cancer, Malignant Di		•••	45	.60	·80
Bronchitis	o • •	• • •	1.49	2.08	1.52
Pneumonia			1.25	.90	1.19
Pleurisy	• • •		.07	.01	.05
Alcoholism, Cirrhosis		ver	·14	.23	·21
70 mm 1	• • •		nil	.09	.07
Premature Birth	• • •	• • •	.55	.66	.57
Diseases & Accidents o	f Parturit		·10	.09	.07
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	• • •	• • •	.93	1.17	1.49
Accidents	0 P 4	• • •	.21	.53	•52
0	• • •		nil	•06	.08
Acute Rheumatism		• • •	nil	.05	.08
Old Age		• • •	•96	1.63	.93
Uncertified (per cent of			.80	5.02	.06
\L		/			

### BOROUGH OF CHESTERFIELD.

### CHART SHOWING THE MORTALITY REGISTERED DURING EACH WEEK OF 1905.



Note: THE BLACK LINE INDICATES THE DEATHS FROM ALL CAUSES; THE RED LINE THE DEATHS FROM THE SEVEN PRINCIPAL ZYMOTIC DISEASES.



# REPORT.

Physical Features and General Characters of the District.—The greater part of the town is built upon a tongue of land which projects in an easterly direction from the high land of Newbold and Dunston into the valley of the Rother, the remainder being situate to the north, east, and west of this in the valleys of the Hipper and the Rother, which streams have their confluence here.

The geological formation is chiefly clay overlying the coal measures, though shallow deposits of alluvium are found near the rivers. The most elevated part of the town is built upon a loose shale, (or "ratchill," as it is called locally), though sandstone also occurs. The altitudes range from 234 feet 3 inches at the river near the Midland Railway Station to 348 feet 6 inches near the old Recreation Ground.

The Borough is divided for electoral purposes into three Wards: -- the North, which is chiefly residential and mercantile, and the South and West, which contain the principal factories and works, though they are also largely residential.

The town is a busy and increasing one, served by three railways, and is the centre of a large and important colliery and agricultural district. The chief industries are the coal and iron trades, but there are several large mills, engine works, potteries, breweries and a large tannery. Coal and shale miners formed 22 per cent. of the males engaged in occupations at the time of the last census. The Chesterfield and Stockwith Canal, an important means of communication before the advent of the Great Central Railway, is now disused.

**Population.**—The Population was 22,009 at the census of 1891, and 27,185 in 1901, and is still increasing.

Calculated according to the method of the Registrar-General, which is based upon the assumption that the population continues to increase or decrease in any intercensal period at the same rate as in the previous ten years, the population at the middle of the year was 29,582. Calculated on the natural increase, or excess of births over deaths, it was about 29,142. Calculated upon the numbers of inhabited houses, so far as I was able to obtain them, the **Population** of the Borough was **28,890**; of the North Ward, including the Chesterfield and North Derbyshire Hospital and the Union Workhouse, 10,440; of the South Ward, 9,000; and of the West Ward, 9,450; and it is upon these estimated populations that the rates given in this Report are based. The inclusion of the populations of the Hospital and Workhouse in that of the North Ward slightly reduces the rates for that Ward.

Twenty-two new houses in the North Ward were passed for occupation during the twelve months ending June 30th, 8 in South, and 29 in the West.

Birth Rate.—The 896 Births registered included 24 in the Union Workhouse belonging to other districts, 19 of which were illegitimate. The deduction of these gives 872 as the correct number, which are equal to a Birth Rate of 30·1 per 1,000 living, as compared with the average for the previous ten years of 33·5. This is the lowest rate ever recorded for the Borough, and, following on the low rate of 1904, the previous lowest recorded, cannot be regarded without uneasiness. This is not lessened by the knowledge that the country as a whole is affected in like manner, the facts pointing unmistakeably to what is euphemistically called race suicide.

A not usually noticed feature of this question is that the decrease is less marked or non-existent in the case of the less intelligent class, so that on the principle of like begetting like,

the proportion of intelligent persons to the population appears likely to diminish.

The rate was 23.6 per 1,000 in the North Ward; 31.1 in the South, and 36.6 in the West.

After correction for the Workhouse, the number of Illegitimate Births is 51, equal to 5.8 per cent. of the whole. The rate was 5.7 in the North Ward, 5.0 in the South Ward, and 6.6 in the West Ward. Illegitimacy has a considerable influence on the Infant Mortality Rate,

Death Rate.—The gross number of Deaths was 481, equal to a Crude Death Rate of 16.6 per 1,000 of the population, as compared with a decennial average of 21.4, After the deduction of the deaths of 101 persons not belonging to the Borough who were received in the Chesterfield and North Derbyshire Hospital and the Union Workhouse on account of sickness or infirmity, and the addition of those of 4 persons belonging to the Borough who died in the Penmore Hospital, Hasland, the corrected number is 384, equal to a Death Rate of 13.3 per 1,000. This is the lowest ever recorded for the Borough, being 2.0 per 1,000 below that of 1894, the previous lowest, and 5.3 below the decennial average.

The rates were 10.4 per 1,000 in the North Ward, 14.1 in the South, and 15.7 in the West.

The Death Rate from the Seven Principal Zymotic Diseases.—Seven deaths ascribed to measles, S to scarlet fever, 6 to whooping cough, 3 to diphtheria and membranous croup, 4 to enteric fever and 23 to various forms of diarrhœa are equal to a Zymotic Death Rate of 1.76 per 1,000. This is well below the decennial average of 2.88 and the lowest recorded except those of 1.3 in 1894 and 1.55 in 1902. The decrease is chiefly due to the comparatively small number of deaths from diarrhœa, which ranged from 17 to 67 in the previous ten years and averaged 40.

The rate was 0.86 in the North Ward, 2.00 in the South, and 2.53 in the West.

The Infant Mortality Rate.—This rate, being based on actual figures and not on an estimate, is an exact one, and a most valuable one when taken over a number of years.

The 104 deaths of children under one year are equal to an Infant Mortality Rate of 119 per 1,000 births. This is 70 per 1,000 less than the decennial average, and the lowest ever recorded for the Borough, the previous lowest being 144 in 1894.

The rate was 114 in the North Ward, 139 in the South, and 107 in the West,

It was 107 among legitimate and 314 among illegitimate children. The average of the previous five years was 184 for legitimate and 365 for illegitimate children.

Since I have been Medical Officer of Health, I have taken the trouble to arrange the deaths of illegitimate children under the occupations of the mothers, and the following are the figures.

		1900	1901	1902	1903	1904	[1905]	Total.
D. J. C. atama hand			7	7				0
Boot factory hand Bottlewasher	• • •	• • •	1 1	1	: • •	• • •	• • •	$egin{array}{c} 2 \ 2 \end{array}$
Bottlewasher Charwoman	• • • •	; •	1	1	1	$\overline{2}$	1	$\frac{2}{4}$
Cotton factory hand		1	3	2	$\frac{1}{2}$		$\begin{vmatrix} 1 \\ 4 \end{vmatrix}$	$1\overline{2}$
Domestic servant	; • •	7	2	2	7	5	$\lfloor   \bar{2}    floor$	$\frac{1}{25}$
Paper-box factory hand		1		• • •	1	1	1	4
Pottery hand		2	4	7	1	1	1	16
Theatrical performers, etc.	0.0,0	1	• • •	• • •	• • •	1	• • •	2
Tobacco factory hand	• • •	3	1	4	•••			8
Other occupations	• • •	$\frac{1}{7}$	1 · · ·	10	$\frac{1}{7}$	1	$\frac{2}{\varepsilon}$	5
No occupation	t +	1	4	10		4	5	37
		23	16	28	20	14	16	117

Comparison between Tables IV. and V. will show slight differences. These are not due to lack of care, but to some of the deaths being uncertified by a medical man and accordingly entered under that heading.

TABLE VII.

Synoptic Table of the foregoing Rates and the Rates of Neighbouring Districts, and England and Wales.

ant	tal- tal- 00 ths.	ω ω	က	0	22	0	<u></u>	$\infty$		9	9	80	0	<u></u>	<b>o</b>		<u>о</u>	1
Infant	4	0.7		14(	$\mathfrak{S}$	$\mathcal{C}\mathcal{A}$	4	$\mathfrak{S}$	$\mathcal{O}$	CA	4	10	4	9	-		189	
	Other Tuber- cular Diseases Deaths.	•	•	÷	:	0.59	1	0.66	0.7	0.21	0.5	0.82	1.5	0.5	0.52		0.66	
iving.	Phthisis Deaths,	•	•	:	:	0,9	0.7	0.55	***************************************	0.64	0.5	1.80	0.02	1.10	1.00		1.13	
Annual Rates per 1,000 living.	Respira- tory Diseases Deaths.	:	:	•	:	2.42	1.4	3.16	2.0	2.27	3.0	2,95	න න	3.29	2.91		3.5	
l Rates p	Zymotic Deaths.			1,88		_			0	1.62		7		3.23	1.76		2.88	
Annual	Deaths.	15 2	14.9	15.7	14,4	12.1	11.8	15.0	14.9	13.9	15.6	17.3	15.8	17.0	<u>1</u>		18.6	
	Births.			28.2				33.3		42.3				29.7	30.1		33.5	
	Estimated	•	•	:	•	10,000	2,700	75,415	8,450	14,100	3,920	6,100	9,876	440,414			26,365	
		:	;	:	•	•	:	:	:		•	:	:	:	. ;	ver-	:	
	1905.	England and Wales	Rural England and Wales	76 Great Towns	141 Smaller Towns	Bolsover Urban District	Brampton and Walton U.D.	Chesterfield Rural District	Clay Cross Urban District	Clown Rural District .	Dronfield Urban District	Newbold and Dunston U.D.	Whittington Urban District	City of Sheffield	Borough of Chesterfield	age of ten years, 1895 to	1904	

# TABLE VIII.

# Giving the Number of Cases of and Deaths from Infectious Diseases during recent Years.

	1.00~	1000	7.00	1000	1,000	3 0 0 0	1001	1000	1000	1004	age	1005
	1895	1890	1897	1898	1899	1900	1901	1902	1903	1904	Av'rage of 10 yrs	1905
Notifiable Diseases												
Small-pox—Cases	0	0	0	0	0	0	0	9	43	6	5.8	53
Deaths	0	0	0	0	0	0	0	0	1	0	0.1	1
Scarlet Fever— Cases	46	103	267	121	105	159	88	59	51	291	129	116
Deaths	2	3	7	6	4	5	5	2	0	11	4.5	8
Diphtheria & Mem- branous Croup												
Cases	1 -	14	10	5	7.	44	39	23	41	37	22 8	19
Deaths	4	5	4	2	1	2	10	4	7	10	4.9	3
Erysipelas — Cases	12	18	27	23	27	21	26	32	18	32	23 6	34
Deaths	0	0	1	0	0	0	2	1	0	0	0.4	0
Puerperal Fever— Cases	1	1	3	5	5	O	4	3	1	0	2.4	2
Deaths	1	1	3	3	0	0	3	1	1	0	1.3	0
Enteric or Typhoic Fever—Cases	28	9	59	47	21	20	109	20	22	46	38.1	15
Deaths	4	0	1.0	5	7	8	19	3	3	10	6.9	4
Non-Notifiable Diseases			de de la composição de la									
DEATHS ONLY												
Diarrhœa	. 44	18	67	46	33	31	4.4	17	35	63	39.8	23
Enteritis	. 0	16	15	20	14	24	12	5	3	9	11.8	3
Measles	10	35	0	18	4	32	4	13	10	2	12.8	7
Whooping Cough	0	6	10	14	ő	4	14	4	8	7	7.2	6

# INFECTIOUS DISEASES.

Particulars are given in Table III. of the number of cases in each locality, the age periods of the patients and the number removed to each hospital.

Particulars of the cases and deaths in recent years are given in Table VIII. on page 18.

It is the practice to remove, so far as allowed by those in charge of them, all the patients who are likely to spread infection if kept at home. The hospital accommodation is too small to permit of the removal of all infectious patients.

Smallpox.—Houses infected 32, Cases 53, Deaths 1. I attribute the low mortality to the fact that all the patients were treated under red light. The fatal case is alluded to below.

The first case reported was that of a child in St. Mary's Gate, and inquiry into it led to the discovery of three in adjoining houses. The four were found to have a common origin in another which occurred three weeks earlier in a common lodging house. The patient in this case, who probably contracted the disease from a tramp who stayed at the house for one or more nights, was seen by a medical man, who diagnosed the complaint as chickenpox. This mistake gave the disease three weeks start, during which time it was passed to the households mentioned, to several tramps, and to nine customers and others at two public houses. Most of the subsequent cases were traceable to the last, and probably all but two arose from them, directly or indirectly. Cases in connection with them occurred in Hasland, Staveley and and probably also in Brimington and North Wingfield.

The death which occurred was not recorded against the town, for the patient belonged to Deptford, contracted the disease at Worksop, and was ill with it when she entered Chesterfield. She presented herself for treatment at the out

patient department of the Chesterfield and North Derbyshire Hospital, where her complaint was recognised, and whence she was removed to the Newbold Hospital, where she died from chronic alcoholism and confluent smallpox. Her husband was the only person infected by her.

The first patient was taken to hospital on March 27th, and the last on August 12th.

Twenty-three of the patients were unvaccinated; another was said to have been vaccinated in infancy but had no marks; 28 had been vaccinated in infancy only; one had been re-vaccinated, and though he had slept for several days with a patient, had only four pocks. When the enormous disproportion between the numbers of vaccinated and unvaccinated is remembered, these figures bear striking testimony to the great value of vaccination.

All the patients were removed on discovery to the Newbold and Spital Smallpox Hospitals. All persons known to have been in contact with them were vaccinated or re-vaccinated when they would consent to the operation. Seven who refused contracted the disease, but none who consented developed the disease except seven who did so before the vaccine had time to do its work. All cases of chickenpox and doubtful skin affections reported by the officers of the Education Committee were examined, eleven cases of smallpox being discovered in this manner. All infected houses, bedding and clothes were disinfected. All known contacts were kept under observation for a sufficient time, and several sanitary authorities were warned when persons known to have been in contact with patients visited their districts.

Only 28 of the cases were notified by medical practitioners, the remainder being discovered by inquiry.

Diphtheria and Membranous Croup.—Houses infected 17, Cases 19, Deaths 3. These are one and the same disease.

The number of cases was below the decennial average of 25, and well below the 37 of 1904. The deaths were below the average 5, and less than one-third those of the previous year.

Four occurred in the first quarter, 6 in the second, 2 in the third and 7 in the last.

Diphtheria antitoxin serum was gratuitously provided for curative and prophylactic purposes.

No bacteriological specimens were sent for examination to Birmingham University under the arrangement made by the County Council.

Erysipelas — Houses infected 34, Cases 34, Deaths 0. The number of cases was above the average of 26, but none call for special remark.

Scarlet Fever.—Houses infected 82, Cases 116, Deaths 8. The number of cases was below the decennial average of 140, but the mortality in excess of the average of 4.5.

Fourteen of the cases occurred in the Chesterfield and North Derbyshire Hospital in patients under treatment for other complaints, most of the patients deriving the infection from others removed at the end of the previous year. The mortality among these, suffering from two diseases, was very serious.

The disease was epidemic in various parts of the town at the end of 1904, and was continued into the year. Fifty-six cases occurred in the first quarter of the year, 40 in the second, 7 in the third and 13 in the last.

Enteric Fever.—Houses infected 13, Cases 15, Deaths 4. The number of cases and deaths compares favourably with the decennial averages of 81 and 7. One case occurred in the first quarter of the year, 2 in the second, 9 in the third and 3 in the last.

One case was attributable to direct or sickroom infection; one to direct infection outside the district; one to importation from a neighbouring district, while the causation of twelve was unknown.

One specimen of blood sent to the bacteriological laboratory at Birmingham University gave negative results.

Hospital Accommodation.—This is provided at Newbold and Penmore Hospital by the Chesterfield Joint Hospital Committee which consists of representatives of the Brampton and Walton, Newbold and Dunston, and Whittington Urban Councils and the Corporation of Chesterfield. Newbold Hospital for smallpox patients has 11 beds in each of the two wards, one of which has red glass windows. There is a small administration block, wash-house and mortuary. It is supplied with water by public service and has a small but sufficient sewage disposal works.

Penmore Hospital affords accommodation for 16 scarlet fever patients in four wards, two of which are single bed wards reserved for paying and special patients; for 10 enteric fever patients in two wards of 4 and 6 beds each; while the isolation block has 4 beds in three wards for patients who require to be kept under observation. The scarlet fever block has a large 'sun room' for the use of convalescent children during the day in unfavourable weather.

There is also an administrative block, a steam laundry, disinfecting apparatus, discharging rooms, ambulance and bedding-van sheds, stable and mortuary.

Particulars of the number of patients sent to the hospitals are given in Table III. Twenty-five of the smallpox patients were treated at Newbold Hospital; four diphtheria patients, who underwent the operation of tracheotomy, at the Chesterfield and North Derbyshire Hospital; and 40

Hospital. Under an agreement with the North Derbyshire Hospital Committee, by which patients may be sent by either Committee to the hospitals of the other Committee, 28 patients belonging to Chesterfield were treated at the Spital Smallpox Hospital, and 13 scarlet fever and 3 enteric fever patients belonging to the North Derbyshire Hospital Committee's district were treated at Penmore Hospital.

It is cheaper to pay 21s. a week for a patient than to open another isolation block, while on the other hand, the profit on a "foreign" patient helps to reduce the running expenses of a ward already open.

The Non-notifiable Infectious Diseases, other than Diarrhoea, which came to my knowledge were those reported by the School Attendance Officers, and were as follows:—

Measles	• • •	280
Whooping Cough	• • •	15
Mumps	• • •	24
Chickenpox		47
Ringworms	• • •	48
Other Skin Affection	ıs	86
		modest at managing
		500
		Construction of the same of th

Eleven cases reported as chickenpox proved to be smallpox.

In return for the information afforded, I gave information to the Education Committee's officers of cases of notifiable infectious disease reported to me.

Measles and Whooping Cough caused 7 and 6 deaths respectively. Handbills concerning treatment and advising the isolation of the patients were sent to all houses known to be infected.

Diarrhœa and Enteritis.—The number of deaths ascribed to diarrhœa was 23, and to enteritis 3, which numbers compare very favourably with the 63 and 9 of 1904, and the decennial averages of 40 and 14.

The shallness of the numbers must be chiefly attributed to the comparatively large number of showery days during the months which are usually the hottest and dryest and the most favourable to the growth of the organisms which cause putrefactive and fermentative changes, and which are carried and blown about with dust. Other factors in the reduction are the laying of dust by street watering and the use of westrumite, improved methods of scavenging and sanitation, and the distribution by the registrar of leaflets giving instructions as to the feeding and care of infants.

Out of the sixteen infants whose deaths from diarrhoea were inquired into, 8 were fed by means of long tube, 5 by short tube bottles, one by hand, and the others on the breast and solid food. Not one was entirely breast-fed.

Tuberculosis.—The mortality from consumption of the lungs and other forms of tuberculosis compares favourably with that of former years.

With a view of lessening the spread of consumption, notices requesting persons to refrain from spitting were placed in railway stations and other places of public resort.

No application was made for the disinfection of rooms on account of this disease.

The project for the provision of sanatoriums for consumptives by the joint action of the County Council, local authorities and private philanthropists has been shelved, it being thought improbable that money could be raised at this time for these and the Royal Agricultural Society's show to be held at Derby this year.

Water Supply.—The dryness of the last few months of 1904 and the early months of the year caused great anxiety to be felt on this account, and pumping from the Holme and Ladywood brooks was resorted to. The water from these was not of good quality being liable to pollution by cattle. A pressure filter at the brook Ladywood station materially improved the appearance of the water but did not make it bacteriologically perfect. An inspection of the gathering grounds of the brooks showed that the sewage of a farm entered one of them but this was promptly cut off. The acquisition of the Whispering Well at Holymoorside was most valuable, and a connection with the Rural District Council's main at Whittington supplemented the supply to a small extent.

Owing to the good sense of the people, who complied cheerfully with the warning notices concerning the waste or misuse of water, little inconvenience was felt, though the water was turned off for part of the day for some weeks. This had no appreciable effect on the public health.

Progress was made towards the provision of filters for the whole of the supply, and with the new reservoir, the completion of which is very desirable.

Sewage Disposal.—The works are situate in Newbold on 47 acres of land belonging to the Corporation and were designed for treating the sewage by chemical precipitation and irrigation, the land being deeply underdrained for the purpose at a large expense. The sub-soil is a stiff clay and eminently unsuitable for sewage disposal purposes. The best results of land treatment have been obtained on the osier beds which however can deal with only a small proportion of the sewage.

The dry weather flow of sewage was estimated on several occasions last year and found to be about 640,000 gallons per diem. Large volumes of sub-soil water, one of which

amounted to 68,000 gallons per diem, have been prevented since then from entering the sewers, so that my estimate of half-a-million gallons given in my last annual report as the dry weather flow is either correct or an over-estimate.

The sewage on arrival at the disposal works passes through detritus tanks where, the rapidity of flow being lessened, a large amount of the mineral solids in suspension is deposited. It then passes through screens which remove bulky floating and suspended matter, and enters the open septic tanks,—formerly the chemical precipitation tanks. These are three in number and have each a capacity of 223,000 gallons. Two of these are used while the third is being cleaned, so that with the dry weather flow of sewage at 500,000 gallons, it takes rather less than a day to pass through them. Organic solids are to a great extent liquified in these tanks, but some are deposited as sludge, which is removed periodically, squeezed in the sludge presses, and sold for manure. The demand exceeds the supply.

The sewage goes forward from the tanks to a well near the pumping-house, whence it is pumped to the filters, on which it is distributed by revolving arms. The filters consist of destructor breeze, graded and under-drained. Ten were in use at the end of the year and an eleventh ready for use. Their cubic capacity is as follows:—Nos. 1, 2 and 4, 90 feet in diameter and 8 feet deep, each 1885 yards; No. 3, 90 feet in diameter and 6 feet deep, 1414 yards; Nos. 5 to 10, 100 feet in diameter and 6 feet deep, each 1745 yards. No. 11, 100 feet in diameter and 8 feet deep, 2327 yards; total, 19,867 yards, which are equal to taking, at the rate of 84 gallons to the cubic yard, 1,668,855 gallons of sewage daily.

The Local Government Board has required, in order that the present sewage and the sewage soon to be taken in from Hasland may be properly dealt with, that 35,000 cubic yards of filters shall be provided. This amount would be sufficient to deal with 2,940,000 gallons a day, an amount which is never likely to be reached by the sewage proper.

I believe that representations made to the Local Government Board and supported by evidence showing the large reduction made in the amount of sub-soil water entering the sewers would be successful in obtaining a reduction in the amount of filters required by them.

Refuse Disposal.—The removal of the house refuse is carried out by the Corporation staff.

It has cost slightly more in 1905 than in previous years owing to alterations in the method of removal. Formerly it was the practice to empty an ashpit on to the surface of a yard whence the refuse was wheeled to the roadway and piled up to remain until the scavenger's cart came along. The fouling of the surfaces of the yard and road is now avoided by the refuse being carried out in "skips" which are emptied directly into the cart. The result is a great sanitary gain and I believe it to be responsible in part for the diminution in the diarrhœa death rate.

The increasing adoption of dustbins in place of ashpits is another step in the right direction.

The number of emptyings of ashpits was 9170, and the number of loads of nightsoil removed, 12,229.

Twenty loads of clean ashes were tipped, 72 given to farmers and 12,137 burned in the four-cell Horsfall destructor.

The destructor continues to give satisfaction and is sufficient to ceal with the refuse. The clinker provides excellent material for the sewage filters.

Systematic Inspection.—Houses were visited and inspected as given under and all nuisances found at them dealt with.

NORTH WARD.—Durrant Road, 10; Foljámbe Road, 10; Holywell Street, 23; Newbold Road, 19; New Square, 40; Prospect Street, 8; Saltergate, 34; Sheffield Road, 31. TOTAL, 175.

South Ward.—Beetwell Street, 30; Boythorpe Lane, 34; Derby Road, 60; Elder Yard, 22; Hipper Street, 31; Lordsmill Street, 23; Low Pavement, 71; Park Road, 10; St. Mary's Gate, 33; Wheeldon Lane, 19. Total, 333.

West Ward.—Barker Lane 17; Chatsworth Road, 42; Chester Street, 15; Factory Street. 33; Furnace Hill, 18; Old Hall Road, 10; Old Road, 18; Shipley Street, 25; Victoria Street, 34; Walton Lane, 9; Wheatbridge Road, 16. Total, 237.

Common Lodging-Houses.—These were frequently visited and inspected. All bedrooms were remeasured and beds allowed in them at the rate of one for each 400 cubic feet of air space, an increase of 100 feet on the old regulations. Particular attention was paid as to the separation of the sexes, and the provision of proper sanitary appliances.

A recommendation of the Medical Officer of Health to close the Bee-Hive common lodging house was adopted, and the building will be demolished shortly.

The Market and Food.—The market was visited weekly and the food exposed for sale inspected. There were seized 511lbs. of beef, the possessor of which was sent to prison for three months. The vendor of some unsound fruit was fined 10s. and costs. There were also surrendered 50lbs, of beef, 15 carcases of mutton and 406lbs, of fish. These and the articles seized were destroyed in the destructor.

Eighty samples of food were purchased and submitted to the Borough Analyst, Mr. Scott-Smith, of Sheffield, and comprised 56 of new milk, 15 of butter, 7 of cheese and 2 of coffee. Eight samples of milk were "of superior quality." 25 "genuine," 22 "of fair quality" and 1 "deficient in fat." Proceedings were taken against the vendor of the last, who was fined 2s. 6d, and costs. Fourteen samples of butter were genuine and 1 "of suspicious character." Six samples of cheese were genuine and 1 "of suspicious character. The samples of coffee were genuine.

Cowsheds, Milkshops and Dairies.—These were all visited and the cattle inspected, as were also most of those outside the Borough which send milk into it.

The Slaughter-Houses were frequently visited and found in a satisfactory condition.

The Ice-Cream Manufactories were frequently inspected. They are much cleaner than was formerly the case.

Factory and Workshops.—These were frequently visited and inspected. A list of the 26 defects found and remedied is given in the report appended.

30
TABLE IX.

# Giving a Summary of the Sanitary Work of recent years.

	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	Tolal
Houses closed by Magistrates' Order	•	•	•	•	•	70	•	:		•	70
Houses closed after formal notice	11		18	9	•	24	0	•	•	•	10
Houses closed after informal notice	:	$\infty$	•	•	•	<del>, ,</del>	ಞ	•	•	63	7
Houses demolished or disused	•	•	•	•	:	:		•		:	
Houses demolished or disused in consequence of making new railways	21	•	•	•	•	:	:	.:	•	•	CZ
Houses made fit for habitation	19	13	•	ಣ	•	•	•	4	12	42	93
Houses repaired	89	66	29	12	23	45	53	65	45	35	509
Yards repaired		38	119	70	92	108	38	106	99	81	7.99
Overcrowding notices served	10	L*	41	48	30	31	49	56	16	24	285
Houses inspected	353	884	806	1044	936	1220	1491	1100	900	785	9615
Formal Notice served for	225	137	112	111	103	133	184	193	151	187	1536
Informal ∫ nuisances.	) 179	939	500	465	429	376	376	318	331	898	3690
Total number of nuisances abated	978	724	1001	895	827	888	200	794	692	1524	9119

TABLE X.

Number of Bathers and Income at Baths from January to December 1905.

41	:					70	9		ಣ	C.J	်က	9	67
1904	. d.	0	70	0	0								5
	2. Cd	-	1.7	16	11	9	0	18	50	15	18	12	6 1
Income,	10 %	6	-	10	20	21	37		22	<u> </u>	10		3000
Bathers, 1904.	644	615	753	1241	1270	1347	2313	1139	1391	898	693	749	13023
1905.	G. H	5	4	4	C7		9	0.	ಣ		20	9	6
e, 1	z. C.		10		74	4	0	0	16	0	6	6	6
Income,	CH3 E-	-	16	13	17	29	36	7	17	10	6	E = 3	£189
Bathers, 1905.	480	702	1044	827	1123	1852	1629	1085	1129	670	009	859	12000
6d.	46	73	102	000	115	215	233	116	136	99	57	တ်	1538
4d.	277	374	582	439	603	939	803	580	559	352	339	465	6312
ed.	127	213	304	244	326	561	450	295	355	211	167	248	3501
2d.	30	42	56	54	79	137	143	94	79	41	37	57	849
Month.	January	February	March	April	May	June	July	August	September	October	November	December	Totals

293 of this total were women bathers.

# Table showing the Number of Bathers using the Baths on each day of the week.

5	Sun.	Mon,	Tues.	Wed.	Thur.	Fri.	Sat,	Total.
2	054	722	720	865	891	2051	4697	12,000

TABLE XI.

Statement of Income for the Year ending the 31st day of December, 1905, at the Lavatories, New Square.

_			All and the second	to to		er w		- AL	1 10 17					
1902 Total	£ 8. d.	9 10 6	8 10 9	13 1 2	9 11 5	10 14 2	11 19 7	11 6 9	10 17 5	12 8 1	10 2 5	10 18 1	12 19 9	132 0 1
1903 Total	ક્ષ ક. વ.	10 19 1	10 6 3	11 2 7	10 8 3	10 17 9	11 19 1	6 6 6	11 17 11	10 3 1	10 0 1	10 15 10	9 10 7	127 10 3 1
1904 Total	ક. ક. ત	10 2 9	8 15 4	0 8 6	10 6 3	11 2 8	7 17 10	10 19 6	10 16 10	9 19 7	12 10 10	9 3 1	10 4 11	121 2 7
1905 Total	£ s. d.	10 1 10	8 17 5	9 1 1	10 19 2	10 2 9	8 1 2	9 12 1	9 4 7	9 8 10	10 0 10	6 9 8	11 19 9	115 16 3
Male Luvatory	£ s. d.	0 7 1	2 9 0	6 9 0	0 9 11	0 13 3	0 13 3	0 13 8	0 13 2	0 7 7	2 9 0	0 5 4	0 7 3	5 10 5
Female W.Cs.	£ s. d.	4 3 2	3 10 7	3 6 10	4 2 3	3 12 2	2 8 9	2 15 2	3 3 11	3 17 6	4 13 7	3 3 1	4 18 5	43 15 5
Male W.Cs.	£ s. d.	5 11 7	5 0 3	5 7 6	0 4 9	5 17 4	4 19 2	6 3 3	5 7 6	5 3 9	5 0 8	4 18 4	6 14 1	66 10 5
Month		January	February	March	April	May	June	July	August	Septomber	October	November	December	Totals

## TABLE XII.

# Inspection of Factories, Workshops, Laundries, Workplaces, and Homework.

### 1.-INSPECTION.

Including Inspection made by Sanitary Inspectors or Inspectors of Nuisances.

Demises	Number of					
Premises.	Inspections	Written Notices.	Prosecutions			
Factories (including Factory Laundries) Workshops (including Workshop Laundries) Workplaces	62 213 0 0	9 17 0 0	0 0 0			
Total	275	26	0			

### 2.-DEFECTS FOUND.

	Nun	Number of Defects.				
Particulars.	Found.	Remedied	Referred to H.M. Inspector	of Prosecu- tions.		
Nuisances under the Public Health Acts— Want of cleanliness	0 0 0	8 2 0 2 6 1 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				

# 3.-OTHER MATTERS.

Class.	Num	ber.
Matters notified to H.M. Inspectors of Factories:— Failure to affix Abstract of the Factory and Workshop Act	0	
Action taken in matters re- ferred by H.M. Inspectors Notified to H.M. Inspectors as remediable under the Reports (of action taken) sent	16	, a,
Public Health Acts but not under the Factory Act  Other	16	
Underground Bakehouses:—  Certificates granted during the year	0	
In use at the end of the year	0	
	Numb	per of
Homework :—	Lists.	Out- workers.
Lists of Outworkers:—  Lists received	2	68
Addresses of proceived to other Authorities Outworkers preceived from other Authorities	<b>2</b> 0	$\frac{4}{0}$
	Wearing Apparel.	Other.
Homework in unwholesome or infected premises:— Notices prohibiting homework in unwholesome premises Cases of infectious disease notified in homeworkers'	0	0
premises Orders prohibiting homework in infected premises	0	0
Workshops on the Register at the end of the year	1	37

# TABLE XIII.

# Summary of Work done by Inspector of Nuisances during the Year 1905.

		Ward.				
Nature of Cases dealt with.	North.	South.	West.	Total.		
Inspection of Dwelling-houses, and visits to premises where	175	333	237	745		
Zymotic diseases have occurred	188	214	227	629		
of premises where offensive trades are conducted	12	34	0	46		
,, of workshops	68	94	47	209		
,, slaughterhouses cowsheds and dairies	$\frac{23}{20}$	117	49	189		
halrohouses	$\begin{vmatrix} 29 \\ 11 \end{vmatrix}$	$\begin{array}{c c} 26 \\ 41 \end{array}$	$\begin{array}{c c} 58 \\ 15 \end{array}$	113 67		
,, common lodging houses	59	127	$\frac{15}{21}$	207		
Re-inspection of work in progress for abate-						
ment of nuisances House drains tested with smoke	159 11	257	179	595 20		
Total number of Inspections of premises	735	1252	833	2820		
Number of houses disinfected after cases of infectious diseases  Number of complaints from public investigated	74 46	50 42	59	183		
Number of notices issued for shatement of nuisances (informal	58 125	71 141	34 · 58 102	122 187 368		
Dirty houses cleansed and limewashed	9	16	17	42		
Houses overcrowded	4	10	10	24		
Waste pipe connected to drains	$egin{array}{c} 0 \ 34 \end{array}$	$\begin{bmatrix} 4\\48 \end{bmatrix}$	0	4		
Defective traps and drain inlets	$\frac{34}{28}$	46	$\begin{array}{c} 39 \\ 21 \end{array}$	$\begin{array}{c} 121 \\ 95 \end{array}$		
Insanitary privies and middens	$\frac{20}{37}$	30	$\frac{21}{45}$	$\frac{33}{112}$		
Insufficient closet accommodation	1	4	2	7		
Insanitary privies converted into water-	5	0	e	10		
Water-closets defective	$\frac{3}{28}$	$\begin{bmatrix} 8 \\ 27 \end{bmatrix}$	$\begin{array}{c} 6 \\ 13 \end{array}$	19 68		
Yard surfaces in bad repair	30	27	$\frac{10}{24}$	81		
Eaves and downspouts defective	29	39	23	91		
Urinals repaired and altered	$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	$\frac{5}{6}$	$\begin{bmatrix} 2 \\ 7 \end{bmatrix}$	8		
Animals improperly kept Offensive accumulations	$\frac{1}{4}$	15	10	14 29		
Total number of nuisances	211	285	219	715		
", ", ", abated	207	274	216	697		

